



Transportation Commission

June 17, 2015



UPDATES TO RECEIVE

Agenda Item #2



COMMISSION UPDATES

Agenda Item #3



ALEXANDRIA TRANSIT DEVELOPMENT PLAN

Agenda Item #4

Proposed Commission Action

- That the Transportation Commission (Commission) receive the report and updates on the Alexandria Transit Development Plan (TDP).
- Staff will seek an endorsement of the TDP plan from Transportation Commission prior to City Council adoption.

Plan Purpose

- Improve the efficiency and effectiveness of public transportation service throughout the Commonwealth
 - Management and policy document
 - Maximize the effectiveness of state investment in transit
- Provides the basis for inclusion of a local operator's capital and operating programs in state and local planning documents
 - Funding needs for transit throughout the Commonwealth



Transit Operators in the Transit Development Plan

- DASH
- DOT Paratransit Service
- WMATA Metrobus
- WMATA Metrorail
- WMATA MetroAccess
- Virginia Railway Express
- AMTRAK

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- Legend:**
- WMATA Bus Routes (Orange line)
 - Alexandria DASH Routes (Purple line)
 - Combined Coverage Area (Gray shaded area)
 - County/City Boundaries (Dashed black line)
 - Metrorail Station (M icon)
 - Metrorail Yellow Line (Yellow line)
 - Metrorail Green Line (Green line)
- Scale:** 0 0.375 0.75 Miles
- Alexandria Transit Development Plan**
- DASH/Metrobus Combined Service Coverage-Weekday AM Peak Period**
- Source: Bus data from WMATA - 2013 and WMATA Time Tables - 2014

Service Analysis Findings

- Hours of service
 - Hours of service are robust, especially on weekdays
 - All Transit service runs after 10:00 PM
- Service frequency
 - Service frequency falls short on a number of DASH routes relative to urban characteristics of Alexandria
 - Metrobus peak service comparable to DASH
 - Fall-off in the mid-day and on weekends
- DASH overall performance
 - Strong Productivity (utilization of service provided), cost of service, cost effectiveness (cost per rider)



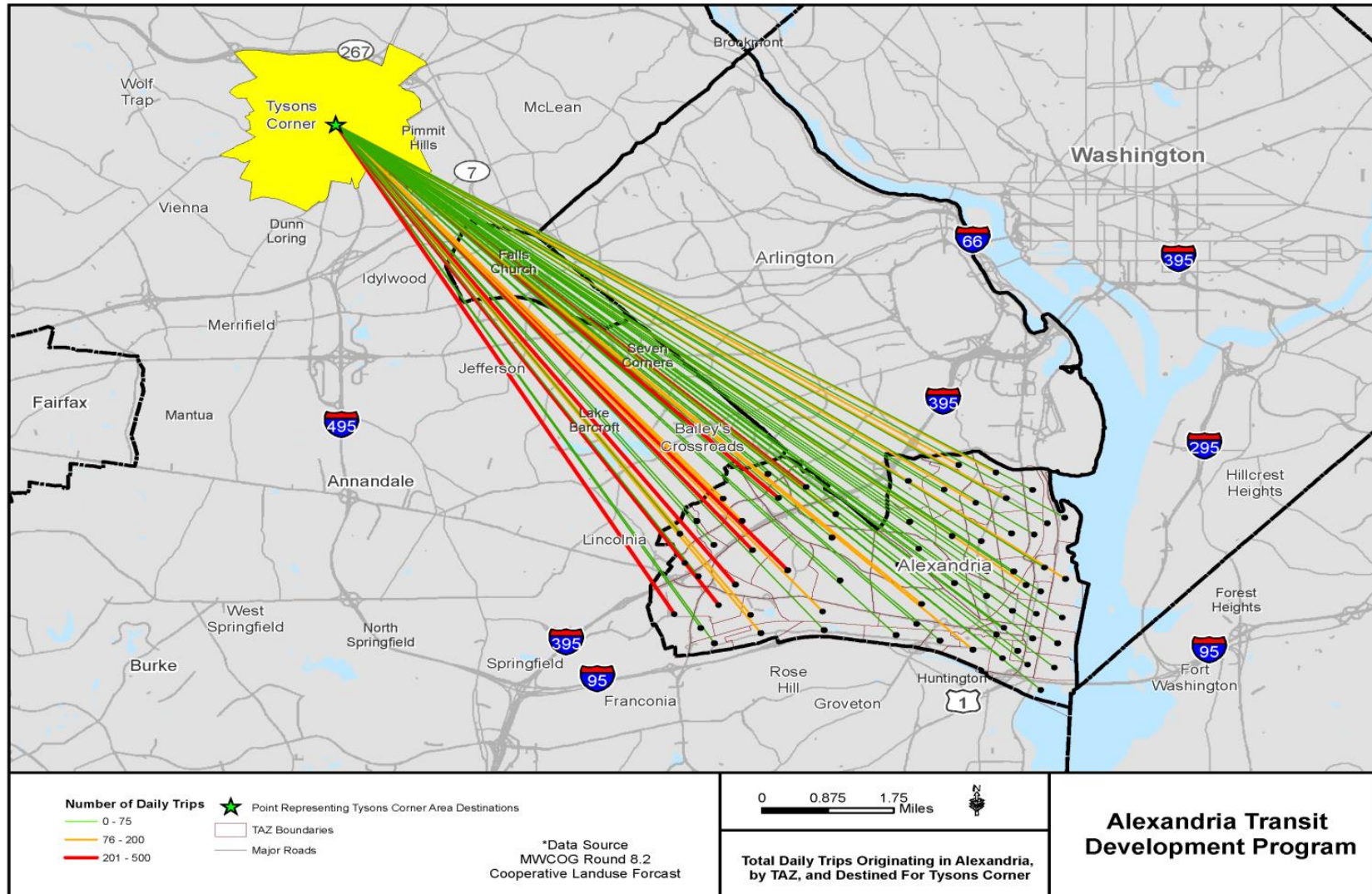
Service Analysis Findings

	Population	Background Data			Cost of Service	Cost Effectiveness		Productivity	
System	Population Density (per square mile)	Annual Operating Cost	Annual Boardings	Peak Bus Pullout	Cost per Revenue Hour	Fare Recovery	Cost per Boarding	Boarding per Revenue Hour	Boarding per Revenue Mile
Alexandria	8,748	\$13,765,515	4,265,417	57	\$81.53	25.29%	\$3.23	25.26	2.89
Arlington VA	8,077	\$8,706,973	2,644,933	37	\$80.21	31.11%	\$3.29	24.37	2.30
Fairfax VA	2,648	\$72,033,351	10,650,401	207	\$116.25	17.72%	\$6.76	17.19	1.12
Richmond VA	1,980	\$38,178,547	8,032,266	128	\$101.42	25.24%	\$4.75	21.34	1.82
Harrisburg PA	3,675	\$14,248,097	2,674,422	63	\$113.72	23.48%	\$5.33	21.35	1.62
Culver City CA	10,355	\$18,731,308	5,550,045	43	\$126.39	21.42%	\$3.37	37.45	3.50
Allentown PA	3,670	\$20,484,272	4,926,294	69	\$92.86	21.21%	\$4.16	22.33	1.84

Service Analysis Findings

- Transit Coverage of Large Trip Flows
 - Three trip flows evaluated
 - From Alexandria to activity centers outside City
 - Outside city to key activity centers within Alexandria
 - Within Alexandria
 - Key findings
 - Strong connections within the City
 - Strong connections to outside the City, especially to the north
 - Some key Alexandria activity centers well served from outside, others not

Service Analysis Findings – Trip Flows



Service and Capital Improvement Initiatives

- DASH Operations
 - Comprehensive Operations Analysis(COA) Recommendations
 - Service frequency improvements – meet urban standards
 - New service to growth areas
 - Service restructuring
- DASH Capital Requirements
 - Vehicle replacement and fleet expansion
 - Vehicle storage expansion
 - Technology improvements

Service and Capital Improvement Initiatives

- DOT Paratransit
 - Little change in future trips anticipated, minor increases in operating budget
- WMATA Metrobus and Metrorail
 - Minor Metrobus service changes
 - Focus is on holding WMATA subsidy steady
- Transit-related capital improvements
 - New projects
 - Improvements to existing facilities



Schedule and Transit Development Plan Approvals

- Draft completed by end of June 2015
- Approvals scheduled tentatively for Fall 2015:
 - Transportation Commission
 - DASH Board of Directors
 - City Council

Thank You

QUESTIONS?



TRANSPORTATION LONG RANGE PLAN

Agenda Item #5

Long Range Transportation Plan

- Goal for tonight is to review the Commission prioritized ranking of projects
- Public Hearing to be held on July 8 and request approval of 2015 Long Range Plan

Long Range Transportation Plan

Unconstrained list of transportation projects, programs and studies

1. Project List – capital projects which are not funded (prioritized by the Transportation Commission)
2. Program List (Removed in 2014)
3. Studies List

Derivation of Long Range Plan projects

- Pedestrian and Bicycle Mobility Plan
(to be updated with Pedestrian and Bicycle Master Plan)
- Transportation Master Plan
- Small Area Plans
- Special Area and Corridor Plans
- Studies / Plans from other departments

2015 Long Range Plan Process

1. April 15 – Staff provided an overview on the Long Range Plan process
2. May 11 – Long Range Plan subcommittee reviewed prioritization criteria; Staff provided TC overview of new project lists
3. Early Summer – Commissioners individually scored projects
4. June 17 – Overview of initial Commission ranking and additional Commission Input

Proposed Project Additions

- Mt. Vernon at Four Mile Road
(Previously on Programs list, and redefined based on Commission input)
- Mt. Vernon at Russell Road *(Removed from FY 2016-2025 CIP)*
- DASH Bus expansion *(Removed from FY 2016-2025 CIP)*

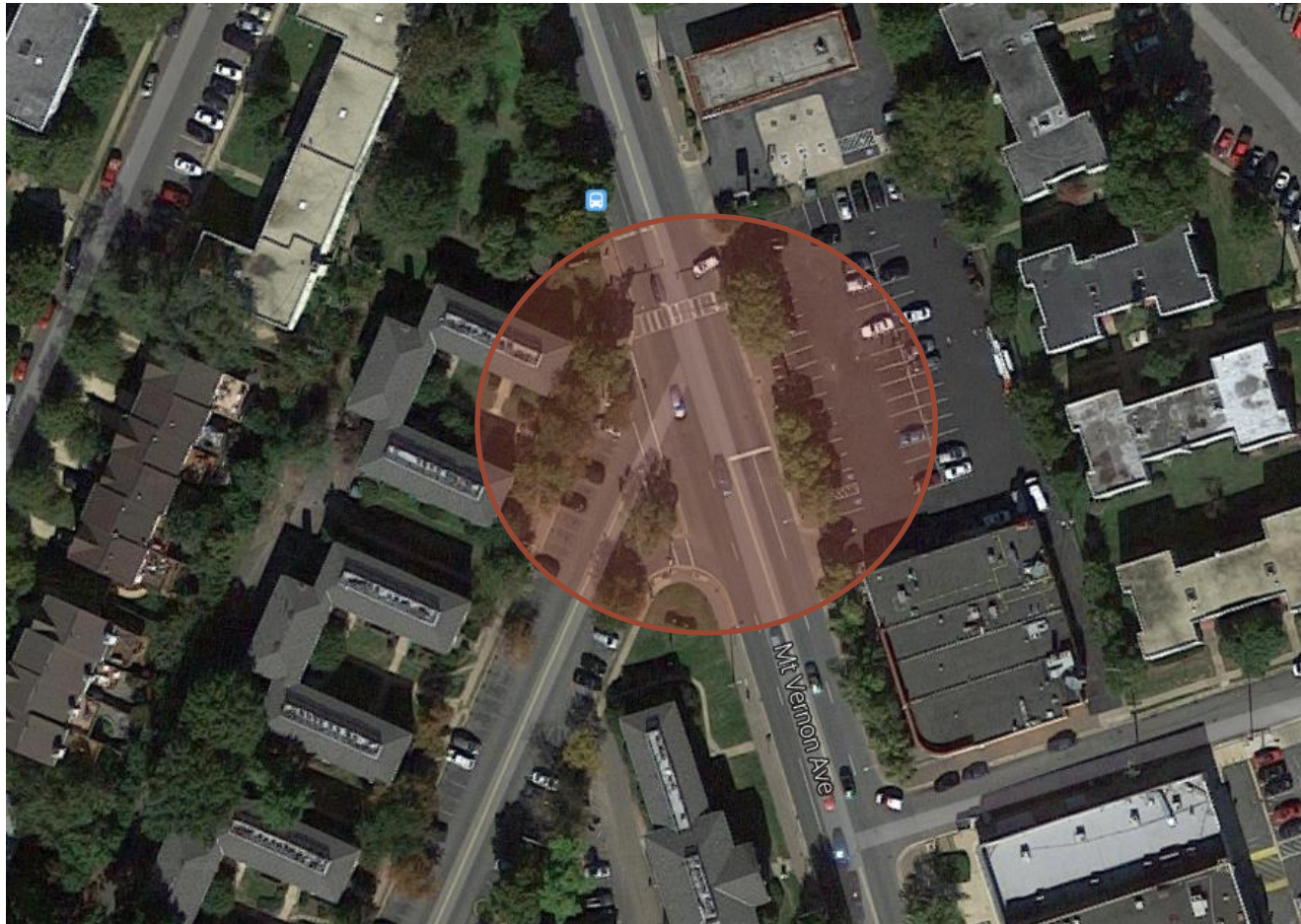
New 2015 Project

Mt. Vernon at Four Mile Road Intersection



New 2015 Project

Mt. Vernon at Russell Road Intersection



New 2015 Project

DASH Bus Expansion



Proposed Project Deletions

- Prince Street / Cameron Street Bicycle facility (*Added to FY 2016-2025 CIP*)

Subcommittee Prioritization Criteria Updates

- Livability – Added language regarding improving accessibility and healthy living
- Infrastructure – Added language regarding environmental best practices and accessibility
- Multimodal Choices – Renamed “Mode Choice”
- Made “Reduce SOV Travel” as a criteria under Mode Choice
- Added “Safety” as a new criteria



2015 Revised Draft Commission Rankings

2014	2015	
1	1	Potomac Yard Intermodal Transit Center
<u>NEW</u>	2	<u>DASH Bus expansion</u>
5	3	Van Dorn Street bridge widening
2	4	Pedestrian/bicycle connection from Potomac Yard to Four Mile Run Trail
3	5	Royal Street Bikeway
10*	6	Commonwealth Avenue Non-motorized bridge
<u>NEW</u>	7	<u>Mt. Vernon Ave. at Russell Road improvements</u>
15	8	Pedestrian improvements at King Street at waterfront
10*	9	Sanger Avenue Bridge
<u>NEW</u>	10	<u>Mt. Vernon at Four Mile Road</u>
9	11*	Bradlee Transit Center
7*	11*	Van Dorn Circulator Service
12	11*	Eisenhower East Transit Circulator
4	14*	Mt. Vernon Ave at Glebe Rd Intersection Improvements
16	14*	Holmes Run Trail at Morgan Creek
7*	16	Corridor A Circulator transit service
13	17	Bicycle parking at waterfront
14	18	Library Lane extension
18	19	Edsall Road connector to Farrington Avenue and S. Pickett Street
21	20	I-395 Access to West End Town Center
19*	21	South Van Dorn Street improvements at City Limits
19*	22	Construct Elizabeth Lane extension

* Denotes a Tied Score



2015 Revised Draft Commission Rankings (Continued)

2014	2015	
17	23	West End Transit Shop
22*	24	Van Dorn at Braddock Road intersection improvements
24	25	Beauregard Street at West Braddock intersection improvements
22*	26	New Road to Four Mile Run Park
26	27	Clermont interchange with I-95 and connection to Eisenhower Avenue
25	28	Quaker Lane at Seminary Road/Janney's intersection improvement

* Denotes a Tied Score

Proposed Long Range Plan Schedule

June	Review of initial screening of projects Project prioritization adjustments
July	Final proposed LRP Public input Adoption of LRP by Transportation Commission

Thank You

QUESTIONS?